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VOL. XXX, No. 12 DECEMBER, 1982

SUMMARY OF MONTHLY ACTIVITIES

Production of crude oil and condensate from oil and gas areas of Montana for the month of December, 1982 averaged 82,655 barrels daily, a decrease of 1,284 barrels from the average 83,939 production in November, 1982.

During December, 1982 the board issued 46 permits to drill new wells, a decrease of 6 from the 52 permits issued during November, 1982.

The six refineries in the state processed a total of 3,955,124 barrels of crude oil during the month of December, 1982 for a daily average of 127,585 barrels resulting in a decrease of 6,164 from the 133,749 processed daily during the month of November, 1982. A total of 1,783,105 barrels were exported from Montana during December, 1982.

During December, 1982, 62 wells were completed, 16 oil, 20 gas, and 26 dry holes.

OIL PRODUCERS REPORT — MONTH OF DECEMBER, 1982

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Alkali Coulee	Red River	1	255	346	672	319
Anvil	Nisku	1	3,692	3,549	11,078	2,910
Anvil	Ratcliffe	1	727	703	268	3,720
Anvil	Red River	6	19,458	19,189	6,655	15,569
Anvil, North	Ratcliffe	1	349	—	9,300	—
Arch Apex	Sunburst	5	389	426	—	—
Ash Creek	Shannon	3	537	383	2,405	—
Autumn	Mission Canyon	1	2,135	2,489	72,252	—
Bainville, North	Ratcliffe	1	912	618	93	695
Bainville, North	Red River	7	9,901	10,847	3,733	8,915
Bainville, North	Winnipegosis	1	3,199	3,419	201	2,478
Bainville, West	Red River	4	2,155	2,307	3,852	2,098
Bainville II	Red River	1	2,187	2,254	530	403
Bannatyne	Swift	16	800	800	—	—
Bears Den	Swift	7	572	208	—	—
Bell Creek (Non-unit)	Muddy	12	2,758	3,456	6,857	200
Bell Creek (Unit "A" Secondary Recovery)	Muddy	69	125,336	124,544	1,317,612	—
Bell Creek (Unit "A" Tertiary Recovery)	Muddy	28	21,165	21,003	605,926	—
Bell Creek (Unit "B")	Muddy	18	21,163	21,331	370,114	—
Bell Creek (Unit "C")	Muddy	14	10,574	10,503	161,566	—
Bell Creek (Unit "D")	Muddy	19	36,112	36,188	136,119	—
Bell Creek (Unit "E")	Muddy	28	19,177	19,437	194,992	—
Bell Creek (Ranch Creek Unit)	Muddy	17	4,459	4,584	137,914	—
Benrud, East	Nisku	3	4,520	5,120	34,654	1,202
Benrud, Northeast	Nisku	1	922	678	10,603	393
Berthelote	Sunburst	1	25	227	—	—
Big Gully	Tyler	2	262	341	—	—
Big Gully, North	Tyler	1	(27)	—	11	—
Big Muddy Creek	Mission Canyon	2	615	606	10,206	751
Big Muddy Creek	Red River	2	4,817	4,235	6,696	5,183
Big Rock	Blackleaf	9	13	—	—	—
Big Wall	Amsden	2	600	600	40,000	—
Big Wall (Non-unit)	Tyler	4	1,000	1,000	60,000	—
Big Wall (Tyler "B" Unit)	Tyler	5	1,000	1,000	90,000	—
Black Diamond	Red River	2	1,781	1,528	2,435	—
Blackfoot	Greenhorn, Cut Bank, Madison	7	4,608	3,814	7,183	—
Blue Hill	Red River	2	510	—	4,487	712
Border (Non-unit)	Sunburst	3	364	601	—	—
Border (Old Border Unit)	Sunburst	4	297	206	10,008	—
Boulder	Red River	1	806	864	3,347	273
Bowes (Sawtooth Unit)	Sawtooth	50	7,000	7,000	—	—
Box Canyon	Red River	2	1,070	1,338	3,459	—
Bradley	Madison, Sunburst	2	420	194	—	—
Brady	Sunburst	10	1,396	1,225	—	—
Bredette	Charles	1	253	155	1,892	—
Breed Creek	Tyler	4	6,256	7,097	—	—
Brorson	Madison	6	2,936	2,860	2,915	1,432
Brorson	Red River	3	5,277	4,509	1,765	2,703
Brorson, South	Madison	1	1,243	687	25	—
Brorson, South	Red River	3	4,744	4,510	2,426	3,513
Brush Lake	Red River	5	6,732	5,894	9,960	4,742
Burget, East	Nisku	1	525	438	1,871	—
Burget, East	Madison	4	845	252	5,906	1,245
Burget, East	Red River	1	414	411	35	(162)
Burns Creek	Red River	2	301	362	810	686
Burns Creek, South	Red River	1	939	1,029	6,053	1,350
Cabin Creek (Unit #2)	Madison	9	8,444	8,444	427,173	3,384
Cabin Creek (Unit #1)	Siluro-Ord	69	112,088	112,088	348,979	39,001
Canal	Madison	3	5,082	4,796	4,206	3,227
Canal	Red River	1	1,494	1,771	388	2,598
Cannonball	Red River	1	665	—	1,240	403
Carlyle	Red River	2	2,408	2,232	12,201	1,068
Cat Creek	Amsden	2	126	—	4,030	—
Cat Creek (Non-unit)	Cret./Jur.	16	1,369	1,483	28,113	—
Cat Creek (East Dome)	Swift	11	1,111	439	3,790	—
Cat Creek (Unit #1)	1st & 2nd Cat	19	2,747	2,761	66,270	—
Cat Creek (Unit #2)	2nd Cat	10	646	650	30,400	—
Cat Creek (Mosby Dome)	Swift	8	589	582	23,420	—
Charlie Creek	Nisku, Duperow	2	2,898	2,492	3,447	851
Charlie Creek, East	Red River	2	3,207	3,011	2,919	2,663
Charlie Creek, North	Nisku	2	307	220	6,878	208
Clark's Fork	Frontier	1	30	—	—	2,698
Clear Lake	Madison	2	2,305	2,051	6,396	1,484
Clear Lake	Nisku	2	747	720	1,387	731
Clear Lake	Red River	6	13,387	13,291	12,340	10,257
Colored Canyon	Red River	6	6,729	7,081	7,520	7,926
Comertown	Ratcliffe	1	1,025	716	2,594	180

OIL PRODUCERS REPORT — MONTH OF DECEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Comertown	Red River	5	18,980	18,407	4,974	5,051
Cow Creek	Charles	1	290	244	1,645	—
Cow Creek, East	Kibbey	10	4,663	4,871	48,791	—
Crane	Devonian	4	21,472	21,333	711	17,369
Crane	Red River	1	900	895	1,056	—
Crane, North	Red River	1	722	712	1,325	1,045
Culbertson	Red River	1	378	—	2,439	189
Cupton	Red River	8	8,293	7,079	15,579	3,075
Cut Bank (Non-unit)	Cut Bank	114	26,508	23,974	14,616	302,041
Cut Bank (Non-unit)	Madison	50	13,072	13,931	180,539	2,305
Cut Bank (Humble-Landers S.U.)	Cut Bank	1	144	144	2,550	—
Cut Bank (North Central C.B.S.U.)	Cut Bank	84	6,664	7,621	1,999	—
Cut Bank (North East C.B.S.U.)	Cut Bank	50	2,000	2,000	—	—
Cut Bank (North West C.B.S.U.)	Cut Bank	5	940	804	1,698	—
Cut Bank (South Central C.B.S.U.)	Cut Bank	85	18,082	18,004	57,437	—
Cut Bank (South East C.B.S.U.)	Cut Bank	50	3,000	3,000	—	—
Cut Bank (South West C.B.S.U.)	Cut Bank	185	17,854	17,558	249,762	—
Cut Bank (Tesoro CBSU)	Cut Bank	24	2,011	2,007	22,814	303
Cut Bank (Tweedy South C.B.S.U.)	Cut Bank	6	905	463	5,363	—
Cut Bank (Two Medicine C.B.S.U.)	Cut Bank	79	11,592	11,592	172,464	—
Dagmar	Red River	4	4,110	4,091	6,357	4,244
Dagmar, North	Red River	1	623	393	2,710	406
Darling (Non-unit)	Moulton	9	1,458	1,000	—	—
Darling (South Darling S.U.)	Moulton	1	93	—	—	—
Deadman's Coulee	Nisku	4	5,862	5,769	74,530	—
Dean Dome	Greybull	6	3,059	2,308	—	—
Deer Creek	Interlake	1	200	200	1,000	—
Delphia	Amsden	2	291	623	—	—
Devils Basin	Heath	—	(201)	120	600	—
Diamond Point	Red River	1	2,307	2,010	4,036	1,693
Divide	Mission Canyon	13	23,943	24,568	44,952	11,735
Dry Creek	Frontier	1	152	—	87	—
Dry Creek	Greybull	2	944	825	—	13,354
Dry Creek	Virgelle	4	386	381	1	7,673
Dugout Creek	Red River	1	1,007	1,131	2,300	1,345
Dwyer (Non-unit)	Ratcliffe	1	632	840	7,699	224
Dwyer (Unit)	Ratcliffe	10	9,800	10,278	6,656	1,973
Dwyer	Red River	1	1,155	1,980	755	754
Eagle	Madison	19	8,710	7,684	26,729	5,650
Eagle	Red River	1	2,300	2,942	621	2,105
Elk Basin	Big Horn	—	—	—	48,101	—
Elk Basin	Frontier	13	406	406	10,949	—
Elk Basin	Madison	26	30,854	30,811	452,840	14,882
Elk Basin	Tensleep	17	20,506	20,889	24,816	43,834
Elk Basin, Northwest	Tensleep	4	310	100	5,790	—
Enid, North	Bakken	1	1,563	904	5	1,352
Enid, North	Red River	3	6,784	7,382	7,472	2,981
Epworth	Red River	1	762	2,740	2,908	1,163
Fairview	Madison	5	3,562	3,499	5,176	2,542
Fairview (Non-unit)	Red River	5	9,885	9,926	5,267	11,729
Fairview (Northwest Unit)	Red River	4	11,420	12,013	1,904	19,985
Fairview, East	Red River	2	9,968	9,837	2,050	8,922
Fairview, West	Ratcliffe	1	2,085	2,298	753	817
Fertile Prairie	Red River	4	3,038	3,138	1,210	931
Fiddler Creek	Greybull	1	10	—	—	—
Fishhook	Red River	2	1,662	1,747	1,785	1,785
Flat Coulee (Non-unit)	Swift	4	510	—	—	—
Flat Coulee (Swift S.U.)	Swift	16	15,242	15,336	10,764	—
Flat Coulee, East	Sawtooth	—	—	—	125	—
Flat Lake (Non-unit)	Ratcliffe	6	4,976	4,351	11,180	908
Flat Lake (Flat Lake Unit)	Ratcliffe	36	24,064	22,826	137,501	5,582
Flat Lake (West Flat Lake Unit)	Ratcliffe	10	6,847	6,782	20,026	2,039
Flat Lake, South	Ratcliffe	6	4,984	4,745	15,133	194
Flaxville	Madison	3	3,005	3,714	8,310	657
Fort Gilbert	Madison	14	11,019	11,087	29,880	7,136
Fort Gilbert	Red River	3	2,510	2,433	6,574	1,588
Four Mile Creek	Red River	1	2,094	1,811	716	1,525
Four Mile Creek, West	Red River	2	2,705	2,260	2,540	1,716
Fox Creek	Mission Canyon	1	964	1,124	2,111	718
Fox Creek	Red River	1	628	735	1,741	597
Fox Creek, North	Silurian	1	192	75	228	—
Frannie	Tensleep	1	620	620	23,548	6
Fred & George (Non-unit)	Sunburst	22	2,702	1,962	446	—
Fred & George ("A" S.U.)	Sunburst	15	9,682	8,803	217,609	—
Frog Coulee	Red River	1	1,549	1,764	515	302
Froid, South	Ratcliffe	1	568	—	4,740	455

OIL PRODUCERS REPORT — MONTH OF DECEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Gage	Amsden	3	614	696	2,620	—
Gas City (Non-unit)	Red River	3	1,190	1,298	2,412	74
Gas City (Gas City Wtrfld)	Red River	7	8,683	8,730	45,849	545
Girard	Interlake, Red River	1	396	420	792	—
Glacier, East	Greenhorn Shale	1	284	—	—	—
Glendive	Stony Mountain	14	9,472	9,744	39,978	1,094
Golden Dome	Greybull	2	2,033	1,759	10	14,392
Goose Lake (Non-unit)	Ratcliffe	13	8,507	7,507	90,523	2,710
Goose Lake (N. Goose Lake Unit)	Ratcliffe	20	9,117	8,904	160,192	2,488
Goose Lake	Red River	1	609	710	2,153	356
Goose Lake, West	Red River	2	8,427	8,943	6,828	2,671
Gossett	Mission Canyon	2	740	871	3,230	643
Graben Coulee	Madison, Swift, C.B.	75	7,078	7,367	11,497	—
Grandview, East	Swift	2	297	460	—	—
Green Coulee	Red River	2	2,623	2,915	5,038	—
Gumbo Ridge	Tyler	4	5,001	5,592	22,739	223
Gunsight	Ratcliffe	2	7,162	6,461	15,978	624
Gypsy Basin	Sawtooth, Sunburst, Swift, Madison	16	2,543	2,493	398	2,874
Hardpan	Swift	1	8	—	—	—
Hardscrabble Creek	Red River	1	85	—	848	93
Hawk Haven	Mission Canyon	1	171	—	496	—
Hay Creek	Mission Canyon	2	1,007	952	2,029	—
Hay Creek	Red River, Interlake	2	4,041	3,694	5,977	3,176
Hiawatha	Tyler	3	2,120	2,373	6,666	114
Hibbard	Amsden	2	1,216	1,311	19,068	—
High Five	Tyler	14	11,374	11,900	32,948	450
Highview	Madison	4	403	537	180	462
Honker	Red River	1	1,439	1,348	4,649	1,449
Howard Coulee	Tyler	1	600	—	—	—
Injun Creek	Tyler, Stensvad	2	6,080	6,394	—	—
Intake II	Red River	2	6,000	6,000	500	—
Ivanhoe	Tyler	8	660	893	1,458	—
Jim Coulee (Jim Coulee Unit)	Tyler	12	8,641	8,079	70,672	691
Jim Coulee, North	Tyler	1	794	742	3,176	48
Katy Lake, North	Mission Canyon	3	15,638	15,715	18,077	1,185
Katy Lake, North	Red River	6	23,128	24,073	6,980	21,235
Keg Coulee (Non-unit)	Tyler	6	5,375	5,011	893	209
Keg Coulee (Tyler "C" S.U.)	Tyler	7	823	991	378	—
Keg Coulee, North	Tyler	3	1,695	1,795	3,573	—
Kelley (Tyler S.U.)	Tyler	2	715	422	9,895	95
Kevin Sunburst (Non-unit)	Sawtooth, Madison, Sunburst	878	53,568	51,970	82,398	60
Kevin Sunburst (Homestake S.U.)	Sunburst	23	5,267	2,339	39,568	—
Kevin Sunburst (Texaco Unit)	Sunburst	8	200	200	1,000	—
Kicking Horse	Sunburst	1	15	—	—	—
Kincheloe Ranch, West	Tyler	4	6,174	6,170	—	1,717
Laird Creek (Laird Creek Unit)	Swift	6	956	760	841	122
Lambert	Red River	3	5,658	6,202	4,050	5,658
Lambert, North	Red River	1	540	362	1,035	—
Landslide Butte	Sun River	2	114	214	752	9
Leary	Muddy	3	2,417	2,764	5,640	106
Little Beaver (Non-unit)	Red River	1	407	407	233	—
Little Beaver (Cedar Ck Anticline)	Red River	14	31,267	31,267	79,360	2,080
Little Beaver, East	Red River	9	10,456	10,720	44,885	964
Little Phantom	Sunburst	1	630	1,076	—	—
Little Wall Creek	Tyler	28	27,150	27,606	13,602	5,185
Lodge Grass	Tensleep	1	520	791	29	—
Lone Butte	Red River	2	359	443	2,391	1,209
Lone Rider	Duperow	1	358	338	769	286
Lonetree Creek	Red River	9	11,680	11,176	4,545	12,402
Lonetree Creek, West	Red River	1	664	693	3,816	—
Long Creek	Charles	1	394	256	168	—
Long Creek, West	Nisku	2	5,580	5,124	15,004	—
Lookout Butte (Shell Wtrfld)	Mission Canyon	3	2,500	2,500	7,000	400
Lookout Butte (Coral Creek Unit)	Lodgepole, Red River	26	30,000	30,000	90,000	6,000
Lookout Butte (Non-unit)	Red River	3	7,023	7,422	17,000	900
Lowell	Red River	3	3,114	2,372	8,072	1,999
Lustre	Madison	12	29,087	31,982	42,226	—
Mackay Dome	Greybull	4	1,155	570	576	—
Mason Lake	Dakota	14	5,316	5,639	6,226	3,090
Mason Lake, North	Amsden	1	158	176	79	—
McCabe	Ratcliffe	3	3,352	3,372	2,507	3,626
McCabe, South	Nisku, Red River	1	264	240	2,377	—
Medicine Lake	Red River	10	22,495	22,285	24,605	20,157
Melstone	Tyler	12	11,970	12,466	1,339	1,896
Midby	Red River	1	1,568	1,396	4,083	2,775
Miners' Coulee	Sunburst	1	105	—	—	—
Missouri Breaks	Red River	1	11,935	11,752	394	12,969

OIL PRODUCERS REPORT — MONTH OF DECEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Mon Dak West	Duperow	1	1,016	998	2,199	869
Mon Dak West	Madison	23	26,227	26,326	40,247	19,762
Mon Dak West	Red River	7	25,509	24,689	14,023	26,913
Mona	Red River	1	2,155	2,177	47	4,600
Monarch (Non-unit)	Madison	2	335	335	24,001	—
Monarch (Non-unit)	Siluro-Ord.	8	5,982	6,939	6,014	137
Monarch (Monarch Unit)	Siluro-Ord.	5	4,200	5,023	2,272	137
Mosser Dome	Kootenai	11	610	610	—	—
Mustang	Red River	3	4,928	5,878	3,096	2,535
Nohly	Red River	2	4,708	4,330	983	4,815
North Fork	Madison	3	2,512	2,601	3,880	3,074
North Fork	Red River	1	234	318	42	722
Ollie	Duperow	1	1,043	1,063	3,007	928
Ollie	Red River	1	1,531	1,545	6,300	526
Otis Creek	Red River	1	2,422	2,668	516	2,264
Otis Creek, South	Red River	3	3,482	5,072	803	3,248
Otter Creek	Red River	1	457	647	5,208	521
Outlook	Duperow	1	3,982	3,949	77,903	1,715
Outlook	Red River	3	4,827	4,747	186,962	2,079
Outlook	Winnipegosis	2	1,321	1,310	88,753	569
Outlook, South	Winnipegosis	1	533	851	21,968	—
Outlook, West	Winnipegosis	2	472	—	6,645	4
Oxbow	Red River	1	769	946	668	903
Palomino	Nisku	2	13,427	13,084	40,383	580
Pasture	Interlake	1	200	200	1,000	—
Pasture Creek	Red River	1	1,000	1,000	—	2,000
Pelican	Red River	1	2,527	1,994	325	1,880
Pennel	Mission Canyon	138	250,000	250,000	300,000	40,000
Phantom	Sunburst	2	209	—	—	—
Pine (Non-unit)	Red River	2	1,735	2,297	4,401	161
Pine ("A" Unit)	Madison	2	201	435	66,798	—
Pine (A & E Units)	Red River	78	148,090	148,081	624,194	31,182
Pine ("C" Unit)	Red River	15	10,284	10,293	39,350	904
Plentywood	Red River	1	348	361	426	263
Pondera	Sun River	315	39,981	39,711	176,372	—
Pondera Coulee	Sun River	2	277	174	195	30
Poplar, East	Charles	50	21,556	21,782	648,770	—
Poplar, East	Heath	1	393	378	9,432	—
Poplar, East	Nisku	1	277	277	50,025	—
Poplar, Northwest	Madison	21	7,877	7,400	100,412	920
Poplar, Southeast	Charles	1	273	265	35,650	—
Prairie Elk	Charles	1	103	482	250	—
Prichard Creek	Sunburst	5	397	—	—	—
Putnam	Interlake	1	897	897	7,647	833
Putnam	Mission Canyon	5	3,474	3,562	2,973	1,740
Putnam	Red River	9	13,613	13,130	15,845	14,959
Rabbit Hills	Sawtooth	5	6,935	7,671	6,567	—
Ragged Point (Non-unit)	Tyler	12	2,193	2,293	51	—
Ragged Point (Tyler "A" Unit)	Tyler	1	1,293	1,750	105,824	—
Rattler Butte	Tyler	4	21,517	22,479	620	7,958
Rattlesnake Coulee	Sunburst	1	74	—	—	—
Raymond	Mississippian	10	5,827	5,460	60,220	3,245
Raymond (Raymond Nisku Unit)	Nisku	1	985	935	2,539	174
Raymond	Red River	2	3,037	2,869	4,253	1,933
Raymond	Winnipegosis	2	6,598	6,650	1,805	678
Raymond, North	Red River	1	429	699	7,353	—
Raymond, Northeast	Nisku	1	168	837	3,855	66
Reagan	Madison	53	23,799	23,693	37,992	45,359
Red Bank	Madison	14	17,629	17,825	22,152	6,529
Red Bank	Red River	3	4,832	4,934	5,056	5,333
Red Bank, South	Red River	1	5,111	4,179	1,105	6,784
Red Creek	Cut Bank	8	2,301	2,301	27,245	602
Red Creek	Madison	13	5,260	5,247	148,723	1,373
Red Fox	Nisku	1	261	493	8,439	77
Redstone	Winnipegosis	1	422	377	968	172
Refuge	Red River	1	1,256	1,419	1,422	1,573
Repeat	Red River	1	982	982	8,000	—
Reserve	Red River	5	6,291	6,054	42,843	4,092
Richey	Charles	2	808	254	1,433	—
Richey	Mission Canyon	1	188	243	988	—
Richey, East	Charles	1	189	228	846	(2,502)
Richey, Southwest	Siluro-Ord.	2	367	444	2,574	314
Ridgelawn	Madison	24	22,836	21,778	26,221	14,776
Ridgelawn	Red River	5	26,314	25,416	2,355	25,855
RipRap Coulee	Ratcliffe	5	3,769	3,485	3,887	—
River Bend	Red River	1	2,519	2,616	41	—

OIL PRODUCERS REPORT — MONTH OF DECEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Rocky Point	Red River	2	7,130	7,152	224	9,530
Roscoe Dome	Lakota	2	128	—	—	—
Rosebud	Tyler	5	1,316	1,025	—	164
Royals	Dawson Bay	1	5,400	5,400	670	—
Royals, South	Dawson Bay	1	119	—	540	—
Rush Mountain	Red River	1	1,433	1,860	983	843
Salt Lake	Nisku	3	1,233	1,296	984	—
Second Creek	Red River	4	3,788	3,916	5,552	10,004
Sheepherder	Tyler	3	319	583	175	—
Shotgun Creek	Red River	1	1,565	1,584	7,462	530
Shotgun Creek, North	Red River	1	110	—	2,445	132
Sidney	Mission Canyon	21	12,820	13,637	16,935	10,295
Sidney	Red River	2	4,428	4,929	3,753	4,318
Sidney, East	Madison	8	5,567	5,500	4,732	3,717
Singletree	Red River	1	2,005	1,508	7,662	1,128
Sioux Pass	Madison	1	1,004	835	1,835	1,187
Sioux Pass	Siluro-Ord.	7	12,928	14,231	3,097	11,515
Sioux Pass, East	Red River	2	383	580	333	241
Sioux Pass, Middle	Red River	6	10,320	9,895	1,703	8,502
Sioux Pass, North	Duperow	1	352	431	1,060	782
Sioux Pass, North	Madison	4	4,297	4,489	3,750	1,942
Sioux Pass, North	Nisku, Red River	14	28,193	28,495	8,899	19,662
Sioux Pass, South	Red River	1	3,264	3,464	1,860	2,797
Snyder	Tensleep	3	391	364	7,140	—
Soap Creek	Tensleep	29	4,650	3,958	116,120	—
Soap Creek, East	Tensleep	3	311	599	2,145	—
South Fork	Mission Canyon	1	75	—	777	428
South Fork	Red River	3	5,663	5,713	2,366	4,910
Spring Lake	Bakken	1	1,004	718	—	538
Spring Lake	Red River	2	1,127	1,593	1,258	902
Spring Lake, South	Red River	1	1,569	1,851	212	2,537
Stampede	Red River	2	3,361	3,031	1,353	3,798
Stampede, North	Nisku	1	72	—	5,135	—
Stensvad	Tyler	4	988	—	6,402	—
Sumatra (Non-unit)	Tyler	19	8,258	7,803	8,576	767
Sumatra (Central Sumatra S.U.)	Tyler	18	12,000	12,000	40,000	—
Sumatra (Grebe-Tyler S.U.)	Tyler	1	1,367	1,438	548	227
Sumatra (Kincheloe Wtrfld U.)	Tyler	19	10,062	9,507	23,119	—
Sumatra (N.E. Sumatra S.U.)	Tyler	5	3,000	3,000	4,000	—
Sumatra (Sawyer Wtrfld. Unit)	Tyler	4	551	479	24	—
Sumatra (S.E. Sumatra S.U.)	Tyler	17	7,701	8,049	41,754	—
Sumatra (West Sumatra Unit)	Tyler	3	9,317	9,317	292,457	1,048
Sunnyhill	Madison	3	111	—	2,325	245
Sunnyhill	Red River	2	719	712	3,937	245
Target	Madison	9	10,149	10,395	33,441	4,297
Three Buttes	Gunton, Red River	3	4,029	3,710	4,041	7,042
Tippy Butte	Tyler	1	1,391	1,398	57	392
Tule Creek	Nisku	5	7,927	7,856	60,765	855
Tule Creek, East	Nisku	1	816	741	26,384	1,102
Tule Creek, South	Nisku	1	388	404	14,260	500
Two Waters	Red River	1	537	680	96	770
Utopia	Swift	20	4,345	5,063	477	—
Vaux	Interlake	2	6,844	6,340	1,082	2,572
Vaux	Mission Canyon	12	6,922	6,752	7,672	4,851
Vaux	Red River	7	12,924	12,915	12,487	9,042
Vida	Interlake	1	694	994	4,486	—
Volt	Charles	1	241	239	1,767	—
Volt	Nisku	5	6,009	6,019	40,719	—
Wagon Box	Tyler	1	29	199	—	—
Wagontrail	Red River	1	1,717	2,238	2,149	485
Weed Creek	Amsden	1	356	421	4,500	—
Weldon	Kibbey	1	889	965	26,400	—
West Butte	Sunburst	4	954	779	—	421
Whitlash	Sunburst, Swift	78	9,166	7,352	637	9,000
Whitlash, West	Sunburst	3	616	206	231	—
Willow Creek, North	Tyler	2	935	1,003	3,579	—
Willow Ridge	Burwash	4	205	205	—	—
Wills Creek, South	Red River	3	2,565	2,565	7,737	452
Windmill	Red River	1	312	—	502	127
Winnett Junction	Tyler	3	2,951	3,081	22,423	—
Wolf Springs	Amsden	6	1,537	1,206	133,307	1,975
Woodrow	Siluro-Ord.	2	800	800	2,000	—
Wrangler	Red River	2	3,671	3,491	3,236	3,921
Wrangler, North	Red River	1	1,063	1,078	840	1,022
Wright Creek	Muddy	3	731	—	8,250	1,582
Yates	Duperow	1	331	230	721	—
Yates	Red River	1	194	239	1,064	—

OIL PRODUCERS REPORT — MONTH OF DECEMBER, 1982 (CONTINUED)

FIELD	FORMATION	No. of Wells	Oil Produced	Oil Shipped	Water Produced	Assoc. Gas Produced (MCF)
Wildcat, Glacier County		3	130	199	—	—
Wildcat, Liberty County		2	1,866	1,548	—	—
Wildcat, Musselshell County		1	594	475	100	—
Wildcat, Pondera County		2	224	199	—	—
Wildcat, Richland County		10	21,052	20,349	22,528	14,009
Wildcat, Roosevelt County		8	32,312	31,961	34,814	15,524
Wildcat, Rosebud County		2	900	845	1,756	59
Wildcat, Sheridan County		6	38,887	37,745	13,793	17,605
Wildcat, Stillwater County		1	42	—	—	—
Wildcat, Teton County		1	116	199	—	—
Wildcat, Toole County		*2	890	828	—	—
TOTAL		4,389	2,562,296	2,547,533	11,775,320	1,293,103

NATURAL GAS MARKETED AT 14.73 PSIA AND 60°F.—MONTH OF DECEMBER, 1982

FIELD	MCF	FIELD	MCF	FIELD	MCF
Alma	696	Fitzpatrick Lake	14,017	Phantom	1,960
Amanda	15,238	Flat Coulee	5,953	Phantom, West	38,538
Antelope Coulee	38	Fort Conrad	5,175	Plevna	1,900
Arch Apex	31,520	Fort Conrad Area	25,890	Police Coulee	1,367
Badlands	26,501	Fred & George Creek	2,580	Prairie Dell	71,214
Battle Creek	240,833	Fresno	5,565	Prairie Dell, West	2,266
Bell Creek, South	13,100	Gold Butte	202	Rapelje	10,082
Big Coulee	82,198	Golden Dome	26,432	Rattlesnake Coulee	6,708
Big Rock	105,117	Grandview	8,137	Reagan	3,334
Bills Coulee	27,987	Gypsy Basin	7,149	Red Rock Area	8,666
Black Butte	8,809	Hammond	7,347	Rocky Boy	3,608
Black Coulee	10,307	Hardin	2,422	Rudyard	28,289
Blackfoot	37,615	Hardpan	10,497	Sage Creek	19,621
Blackjack	6,656	Hardpan Area	33,148	Sandwich	59
Border	731	Havre	3,843	Sawtooth Mountain	65,014
Bowdoin	545,584	Haystack Butte	1,902	Shelby	1,940
Bowdoin Area	43,255	Highview	462	Shelby, Old	16,958
Bowes	42,100	Keith, East	48,524	Sherard	2,498
Brown's Coulee	1,403	Keith Area	19,293	Sherard Unit	13,497
Brown's Coulee, East	9,024	Kevin Sunburst	77,610	Sherard Area	29,304
Buffalo Flat	50,205	Kevin Sunburst Nisku	3,905	Snoose Coulee	3,491
Bullwacker	102,076	Kevin Sunburst, Southwest	32,551	Soberup Coulee	297
Camp Creek	755	Kicking Horse	5,602	Spring Coulee	25,974
Canadian Coulee	106	Kinyon Coulee	3,239	Strawberry Creek	625
Canadian Coulee, North	30,166	Kinyon Coulee, South	350	Swanson Creek	107,297
Cedar Creek	105,194	Lake Basin	27,942	Three Mile	4,675
Chain Lakes Area	1,869	Lake Basin, North	5,157	Tiber	6,796
Chinook, East	2,881	Ledger	40,871	Tiger Ridge	432,753
Chip Creek	902	Leroy	74,578	Tiger Ridge, North	149
Clark's Fork (South)	4,490	Liscom Creek	9,254	Trail Creek	13,351
Coal Coulee	3,264	Little Creek Area	413	Two Forks	85
Cut Bank	412,526	Little Rock	11,820	Utopia	5,951
Devon, South	2,072	Lohman	4,101	Vandalia	11,635
Dry Creek	62,220	Loring, East	*794,255	West Butte	8,577
Dry Creek, Middle	16,676	Marias River	21,171	West Butte Shallow Gas	3,062
Dunkirk	28,589	Marias River, South	2,064	Whitlash	37,425
Dunkirk, North	18,436	Middle Butte	3,441	Whitlash, West	765
Eagle Springs	5,850	Miners Coulee	21,468	Williams	21,018
Ethridge Area	9,550	Mount Lily	2,019	Willow Ridge	29,176
Ethridge, North	1,643	O'Briens Coulee	23,077	TOTAL NATURAL GAS	4,541,533

Total natural gas marketed for December, 1981 was 4,790,853 MCF.

***Includes Oct., Nov., 1982**

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage	Total in Storage
December, 1981	498,268	1,325,536	638,879	2,462,683
March, 1982	570,183	1,283,311	943,071	2,796,565
June, 1982	516,877	1,347,985	570,281	2,435,143
September, 1982	521,603	1,273,667	470,687	2,265,957
October, 1982	507,683	1,225,064	399,412	2,132,159
November, 1982	520,646	1,227,008	460,038	2,207,692
December, 1982	528,624	1,300,312	440,627	2,269,563

REFINERS MONTHLY REPORT
DECEMBER, 1982

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co.	135,750	180,987	243,777	979,535	1,391,726	148,323
Exxon Company	79,554	30,770	1,086,193	56,325	1,169,558	83,284
Farmers Union	196,752	80,585	158,444	673,129	948,349	160,561
Flying J Oil	19,788	142,158	—	—	136,187	25,759
Kenco Refining	20,705	109,839	—	—	115,151	15,393
Simmons Refining	7,489	148,765	—	45,206	194,153	7,307
TOTALS	460,038	693,104	1,488,414	1,754,195	3,955,124	440,627

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